

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8576 - L2 Version 2
Chandra X-Ray Center

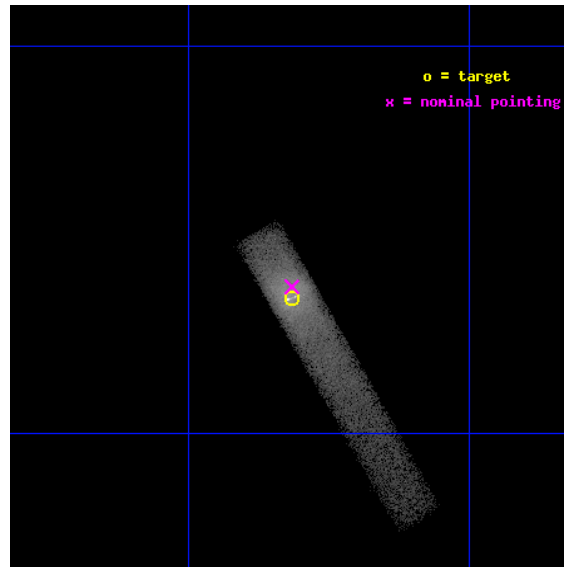
L2 Processing Date : May 7 2012

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1 Front

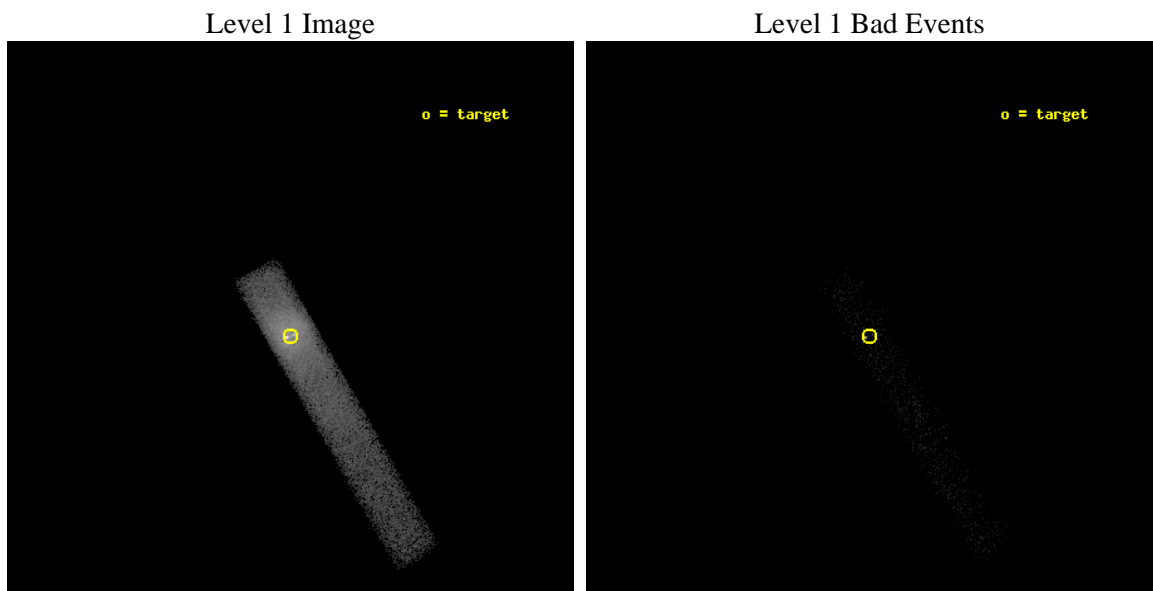
seq_num	701585	Sequence number
obs_id	8576	Observation id
title	Monitoring the Giant Flare of HST-1 in the M87 Jet	Proposal title
observer	Dr. John Biretta	Principal investigator
object	M87	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	187.704167	Observer's specified target RA [deg]
dec_targ	12.391667	Observer's specified target Dec [deg]
ra_nom	187.70408430473	Nominal RA [deg]
dec_nom	12.396573660039	Nominal Dec [deg]
roll_nom	60.156696871806	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5173.1996916533	Sum of GTIs [s]
livetime	4691.8190564604	Livetime [s]
ontime7	5173.1996916533	Sum of GTIs [s]
l2events	56208	Number of level 2 events



2 OBI

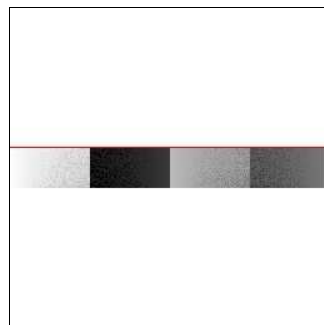
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5173.1996916533	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	5173.1996916533	Sum of GTIs [s]
date	2012-05-07T14:40:06	Date and time of file creation	l1events	65828	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

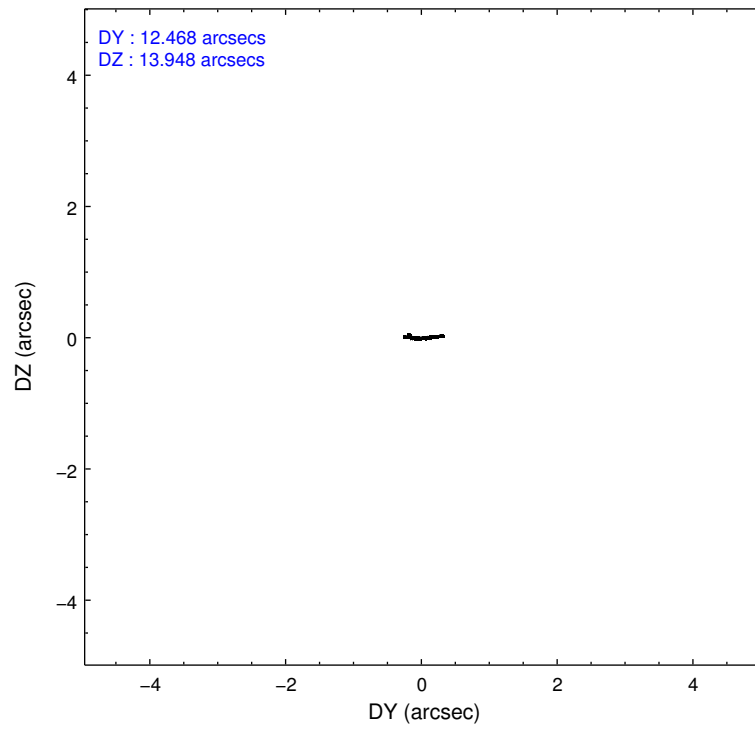
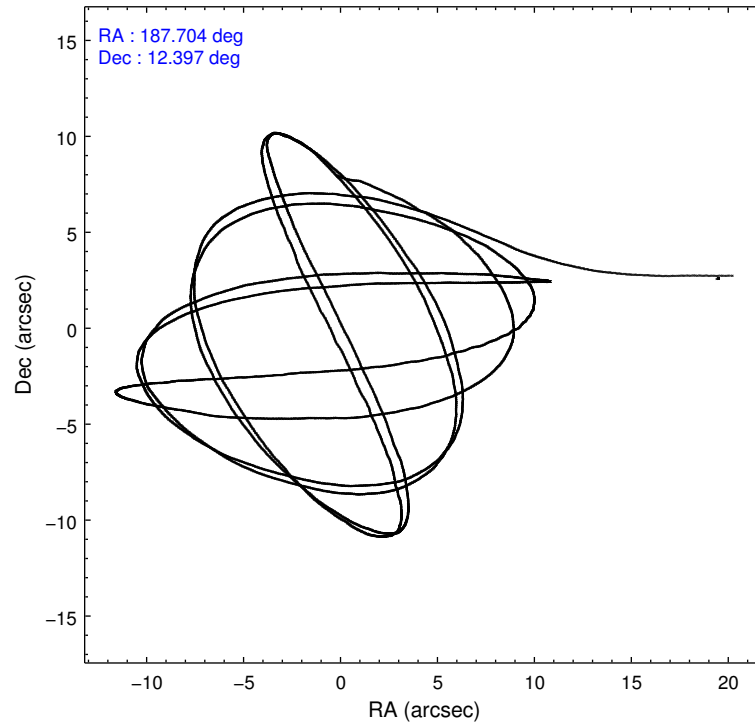
	ccd 7
level 1 events	65828
rejected events	8933
rejected %	13%

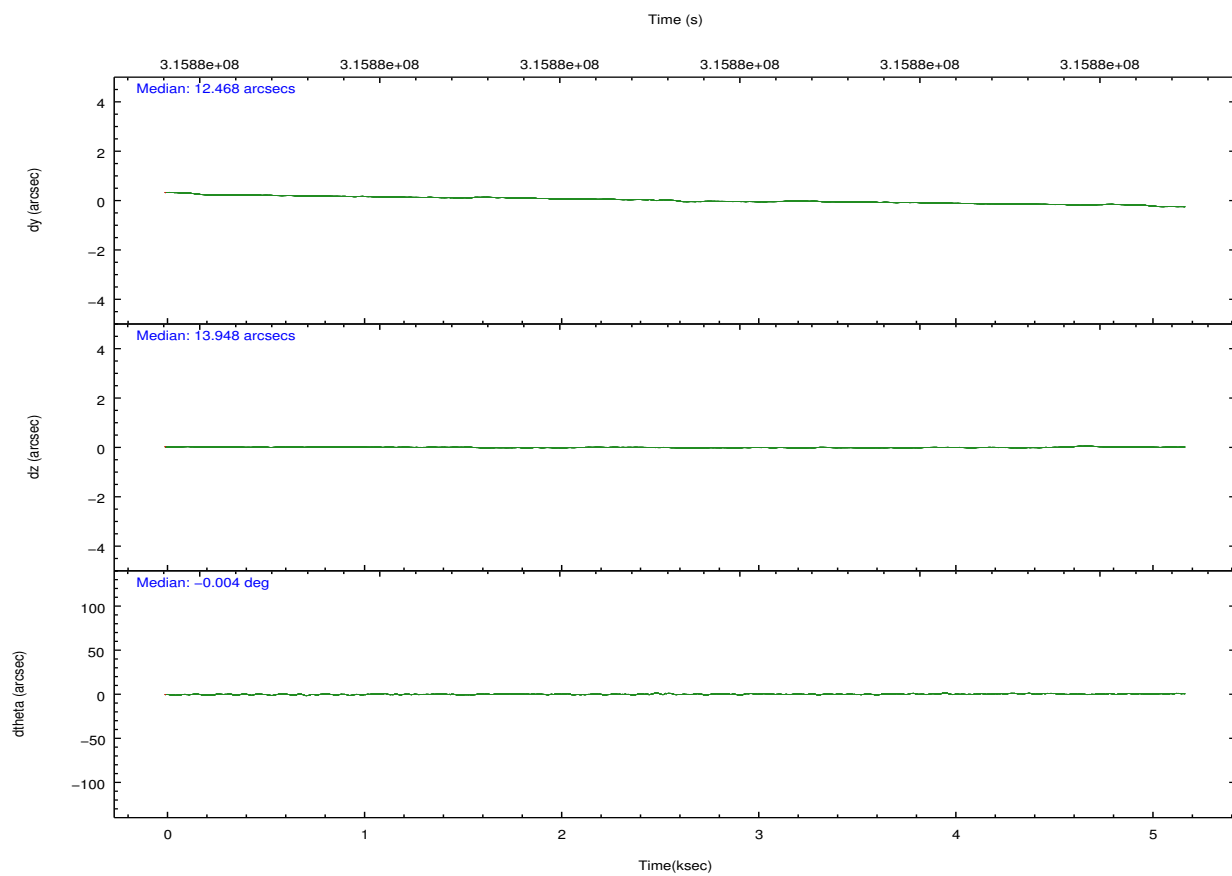
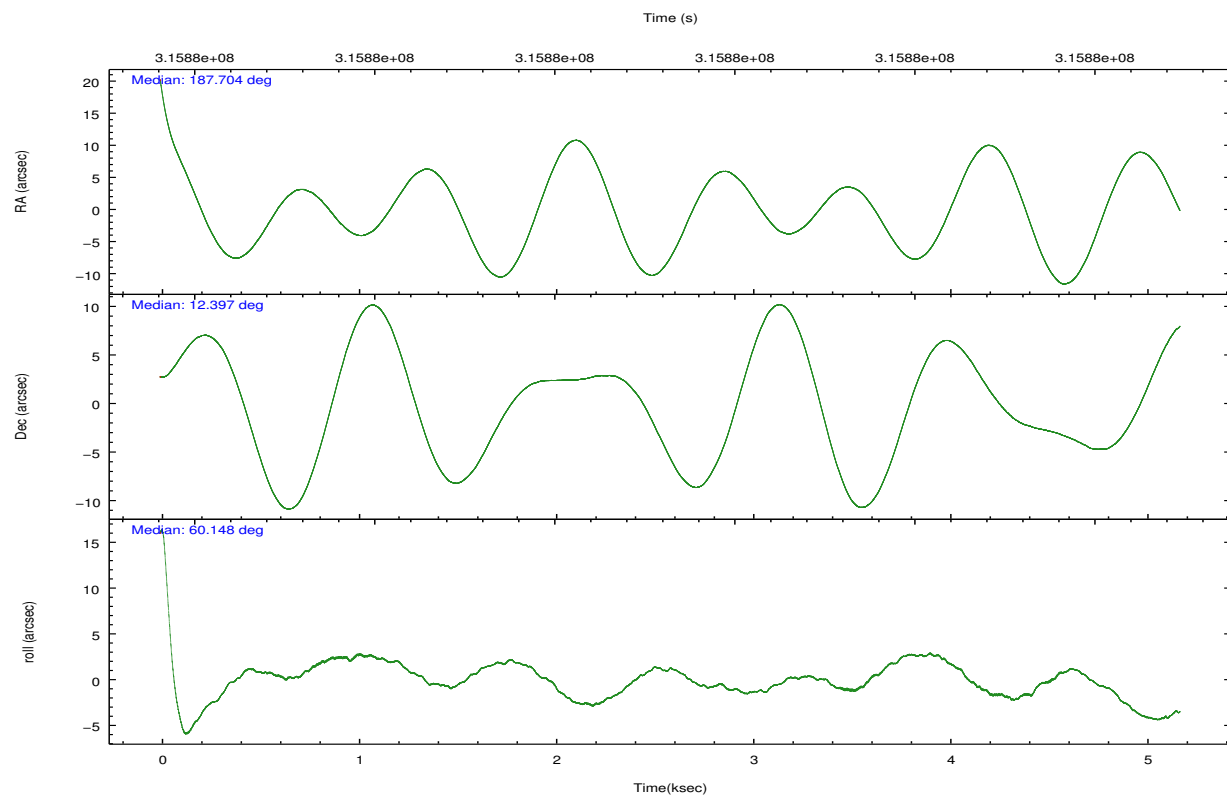
	ccd 7
grade 0 events	17631
	26%
grade 1 events	122
	0%
grade 2 events	15352
	23%
grade 3 events	6851
	10%
grade 4 events	6725
	10%
grade 5 events	1607
	2%
grade 6 events	12325
	18%
grade 7 events	5215
	7%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	187.704464	187.7040843047349	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	12.369173	12.39657366003875	Subarray start row	449	449
[deg] Pointing Roll	59.999934	60.15669687180609	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	315876226.184000	315875236.74446			
Observation start date	2008-01-04T23:22:41	2008-01-04T23:07:16			
[s] Observation end time (MET)	315881226.184000	315882253.3823			
Observation end date	2008-01-05T00:46:01	2008-01-05T01:04:13			
Read mode	TIMED	TIMED			

2.3 Aspect



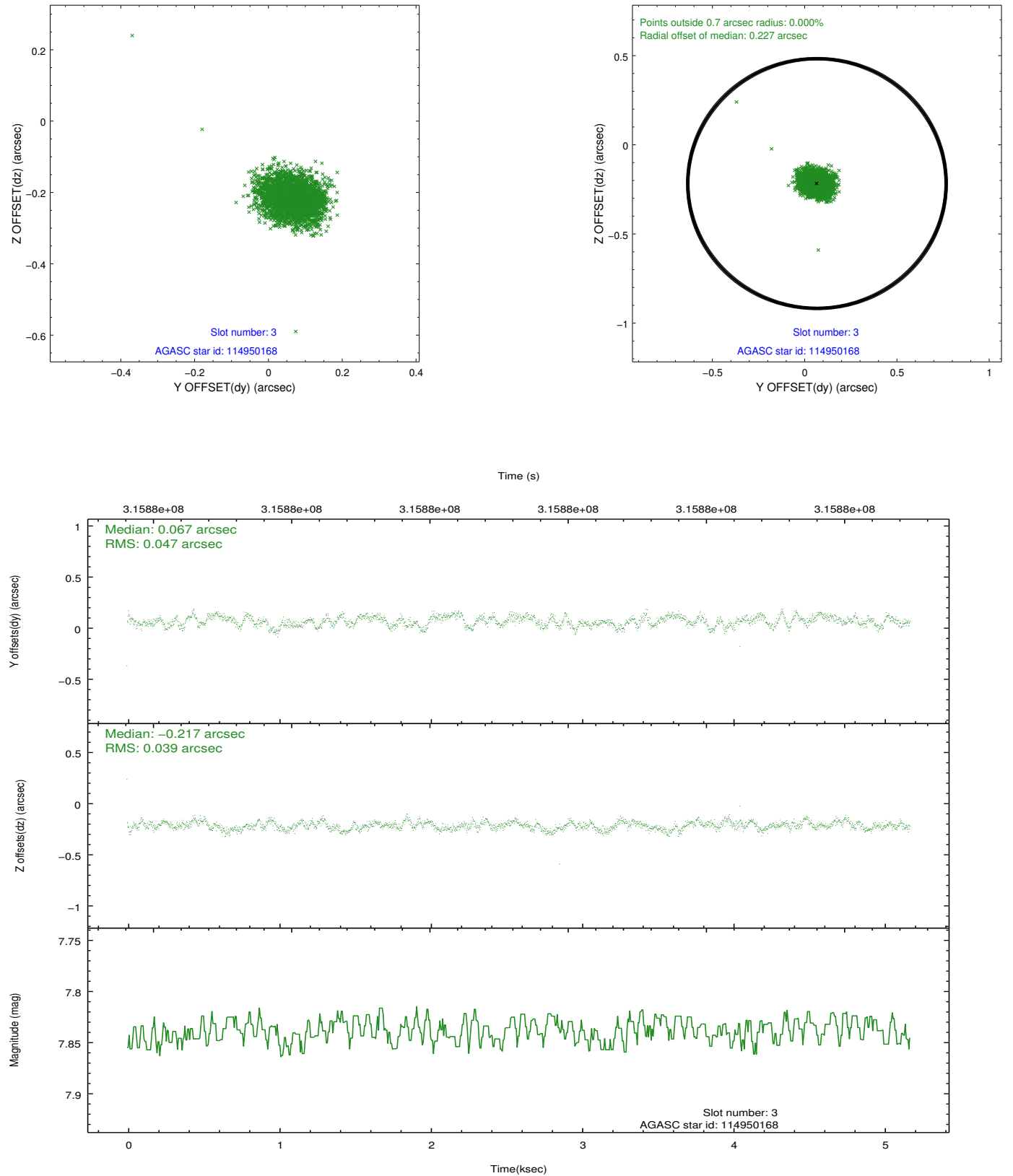


Slot Statistics

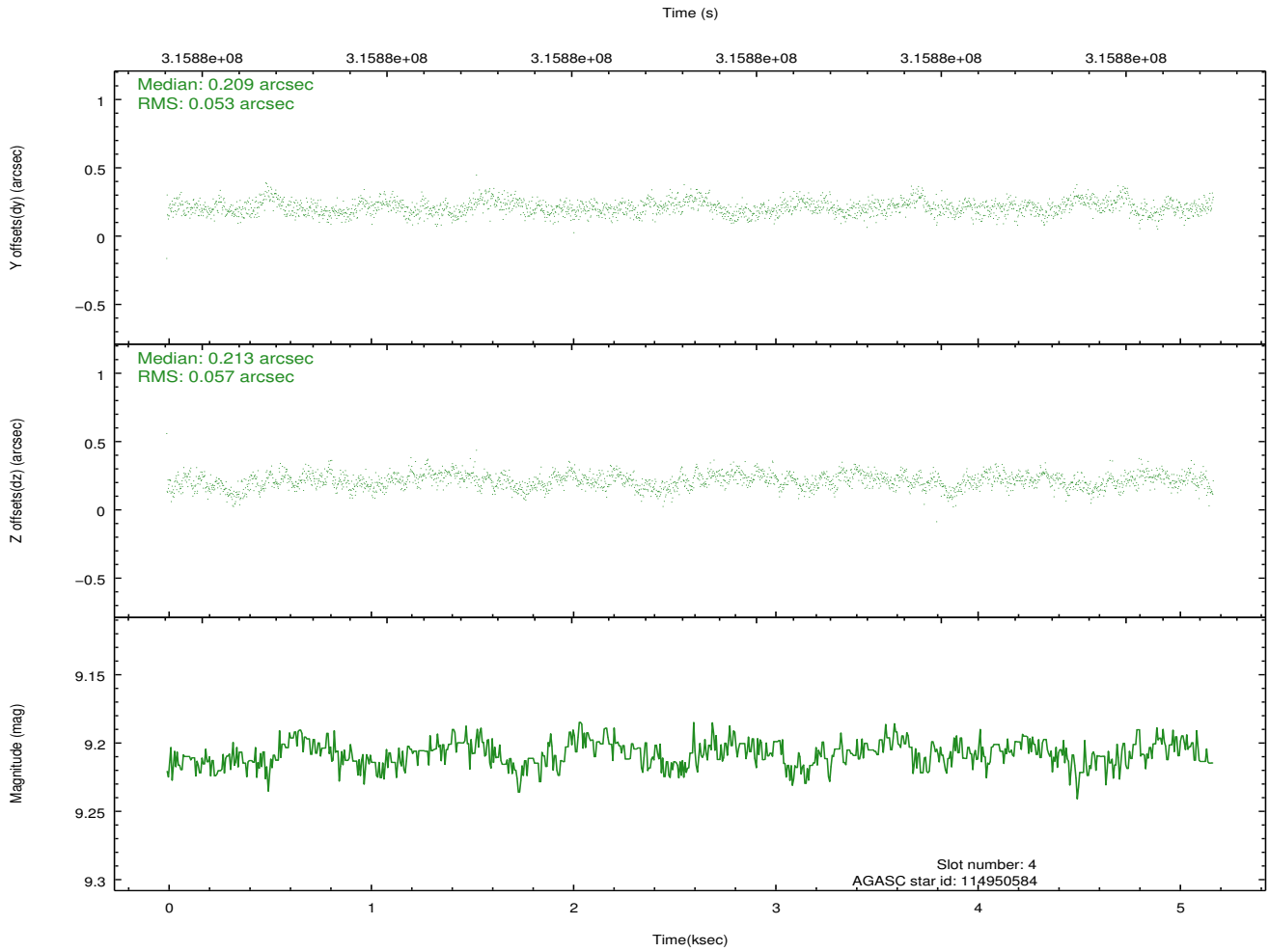
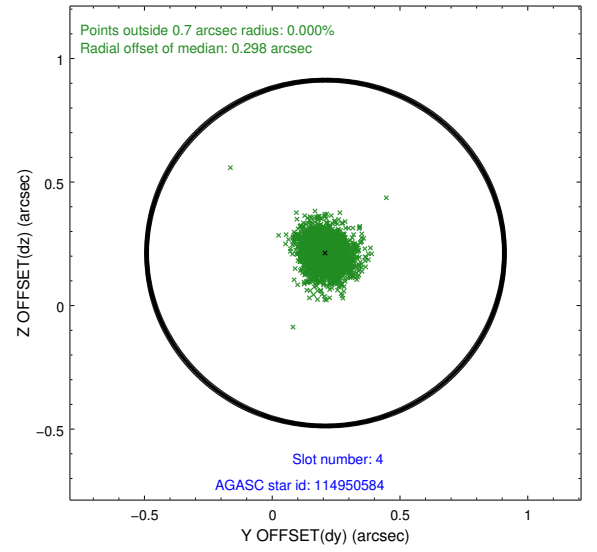
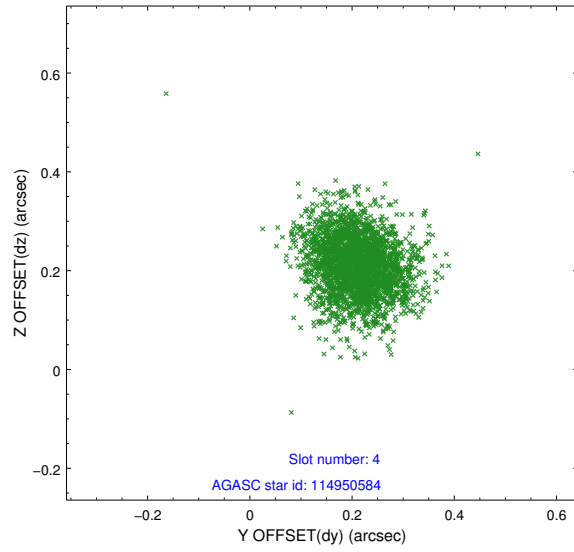
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1263	-0.034	-0.048	0.007	0.010	0.000000	0.000000	-765.42	-1735.30
1	FID	ACIS-S-4	7.19	1263	0.137	0.030	0.006	0.012	0.000000	0.000000	2147.49	172.06
2	FID	ACIS-S-5	7.23	1263	-0.135	0.027	0.007	0.012	0.000000	0.000000	-1816.86	167.05
3	GUIDE	114950168	7.84	2525	0.067	-0.217	0.064	0.099	187.143398	12.117441	-1770.91	1258.15
4	GUIDE	114950584	9.21	2523	0.209	0.213	0.081	0.137	187.487323	11.827248	-2072.67	-311.58
5	GUIDE	114952824	8.55	2522	-0.205	-0.190	0.066	0.107	187.703904	12.486727	364.07	213.82
6	GUIDE	114955056	8.33	2522	-0.136	0.438	0.077	0.125	187.914001	12.127854	-383.42	-1071.84
7	GUIDE	114957008	8.24	2523	0.060	-0.237	0.074	0.121	186.894794	12.099160	-2264.11	1984.35

2.4 Star Slots

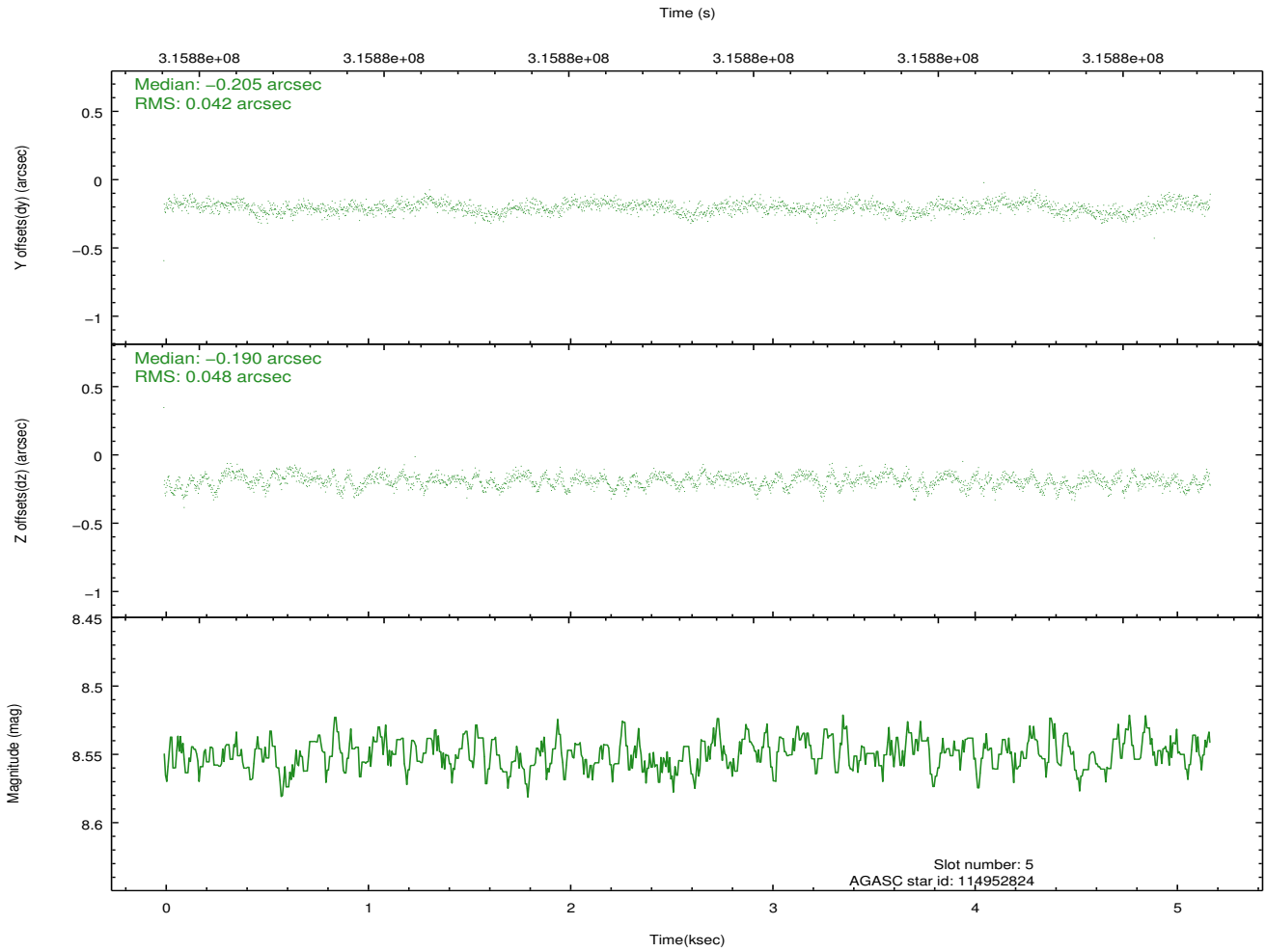
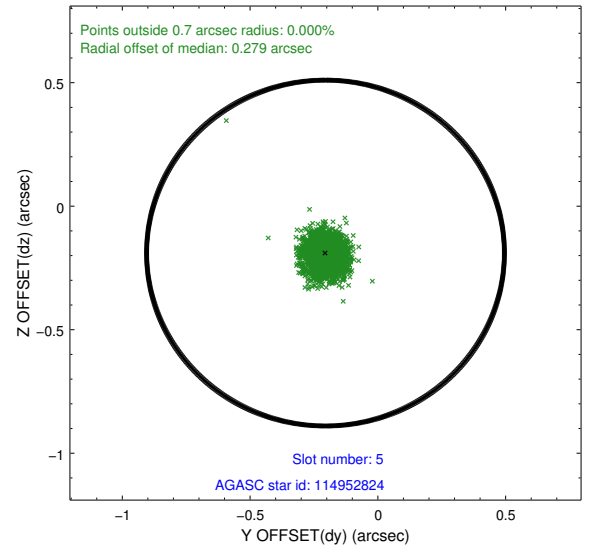
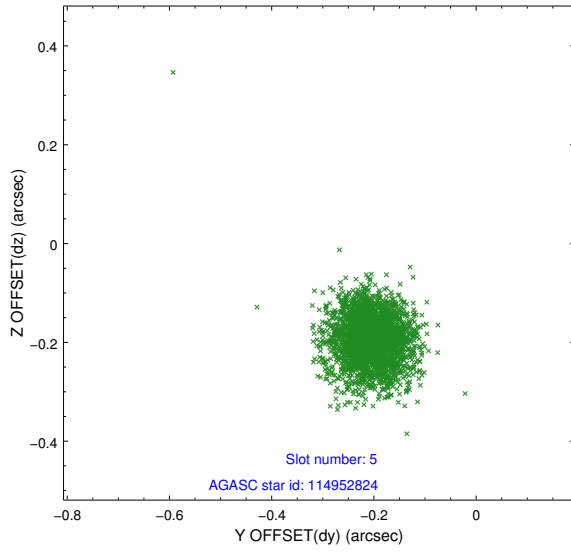
2.4.1 Slot 3



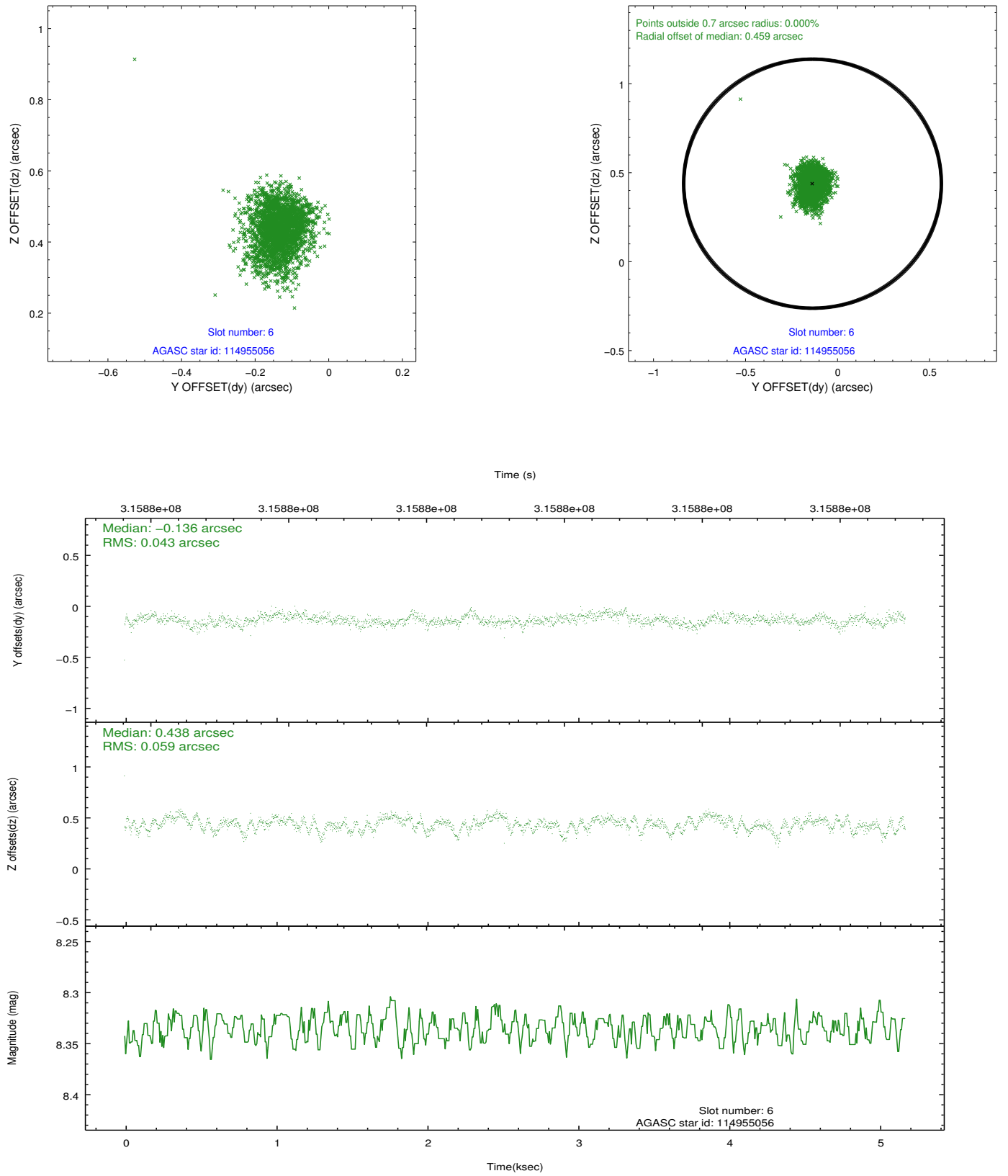
2.4.2 Slot 4



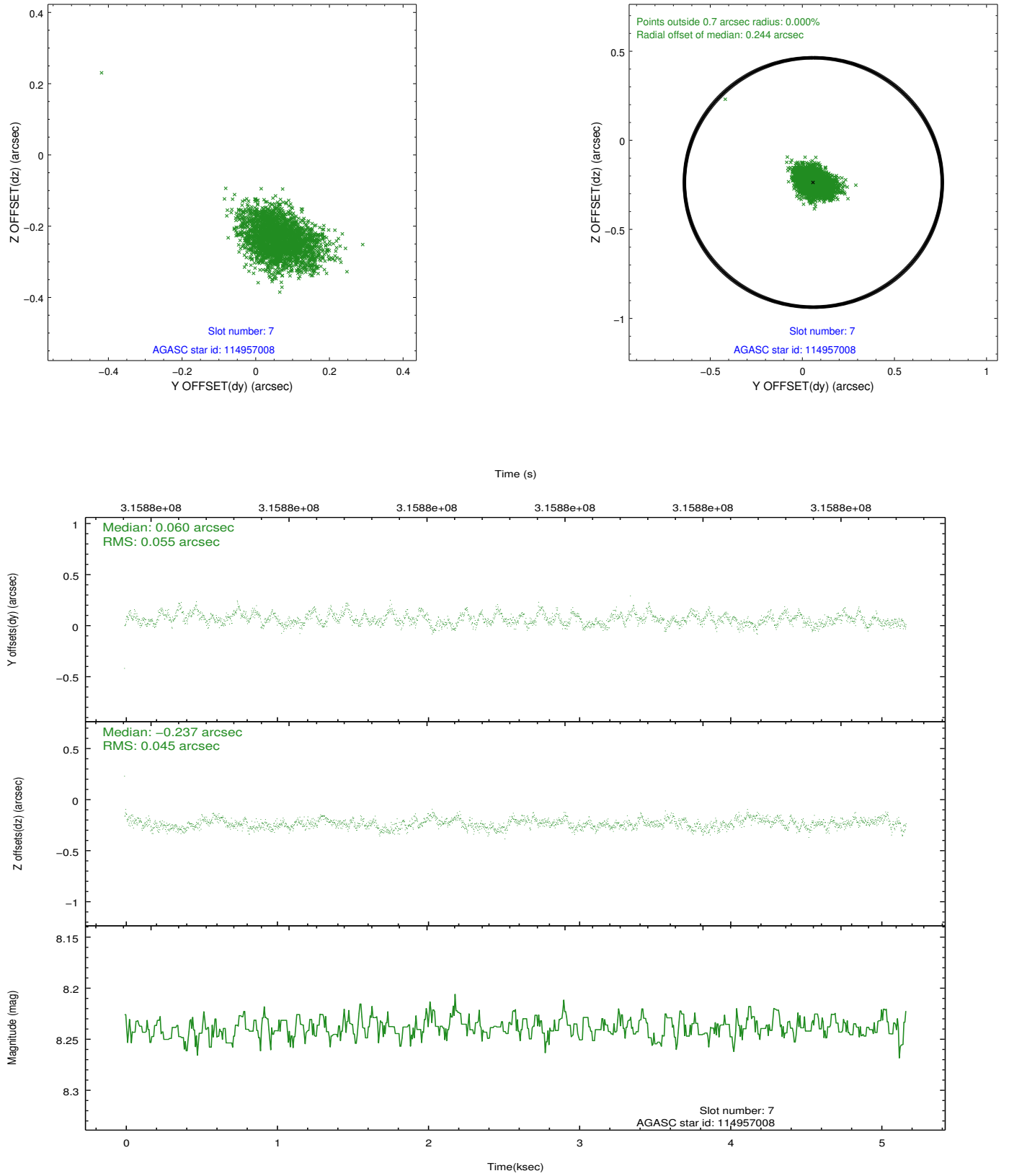
2.4.3 Slot 5



2.4.4 Slot 6

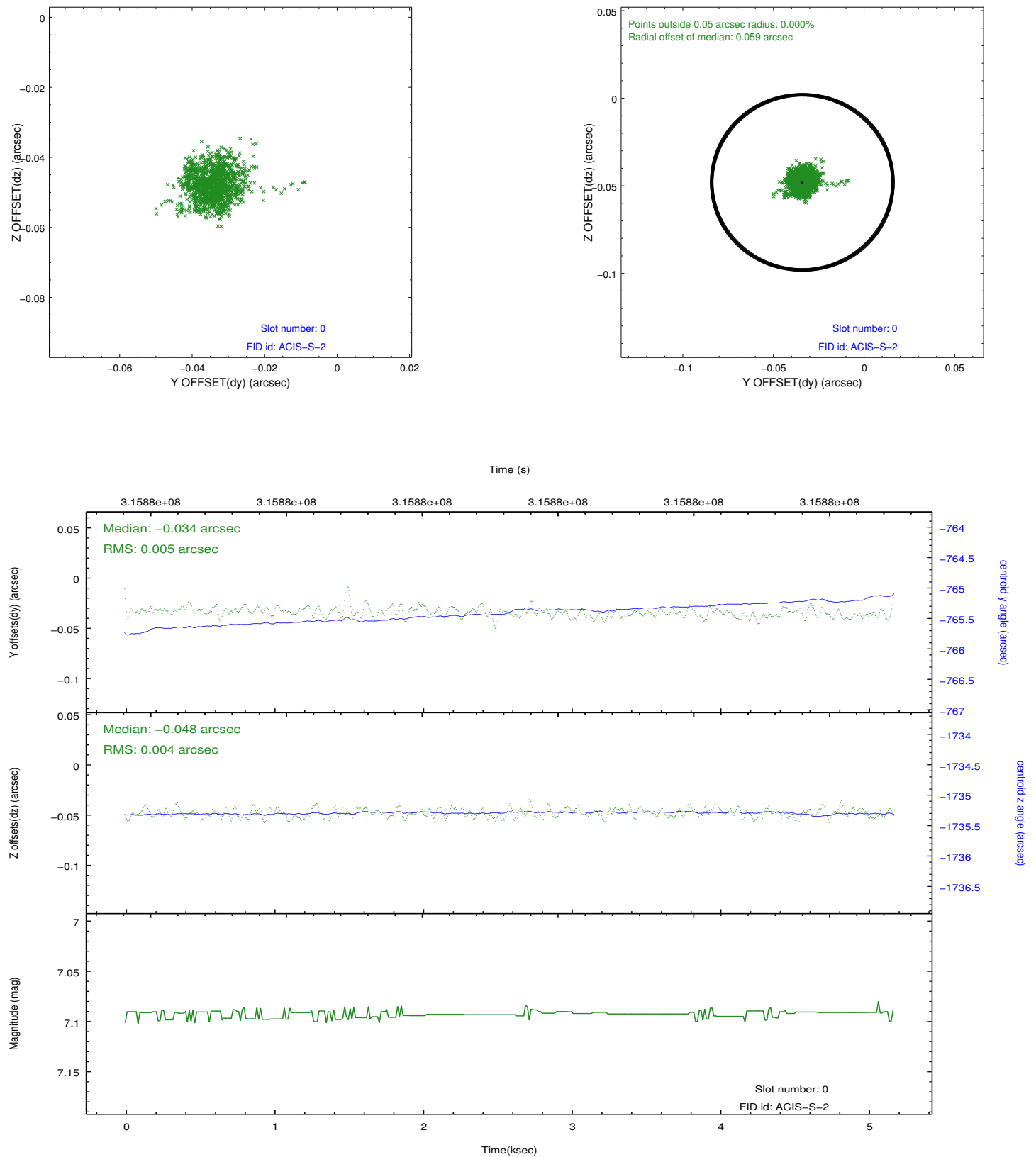


2.4.5 Slot 7

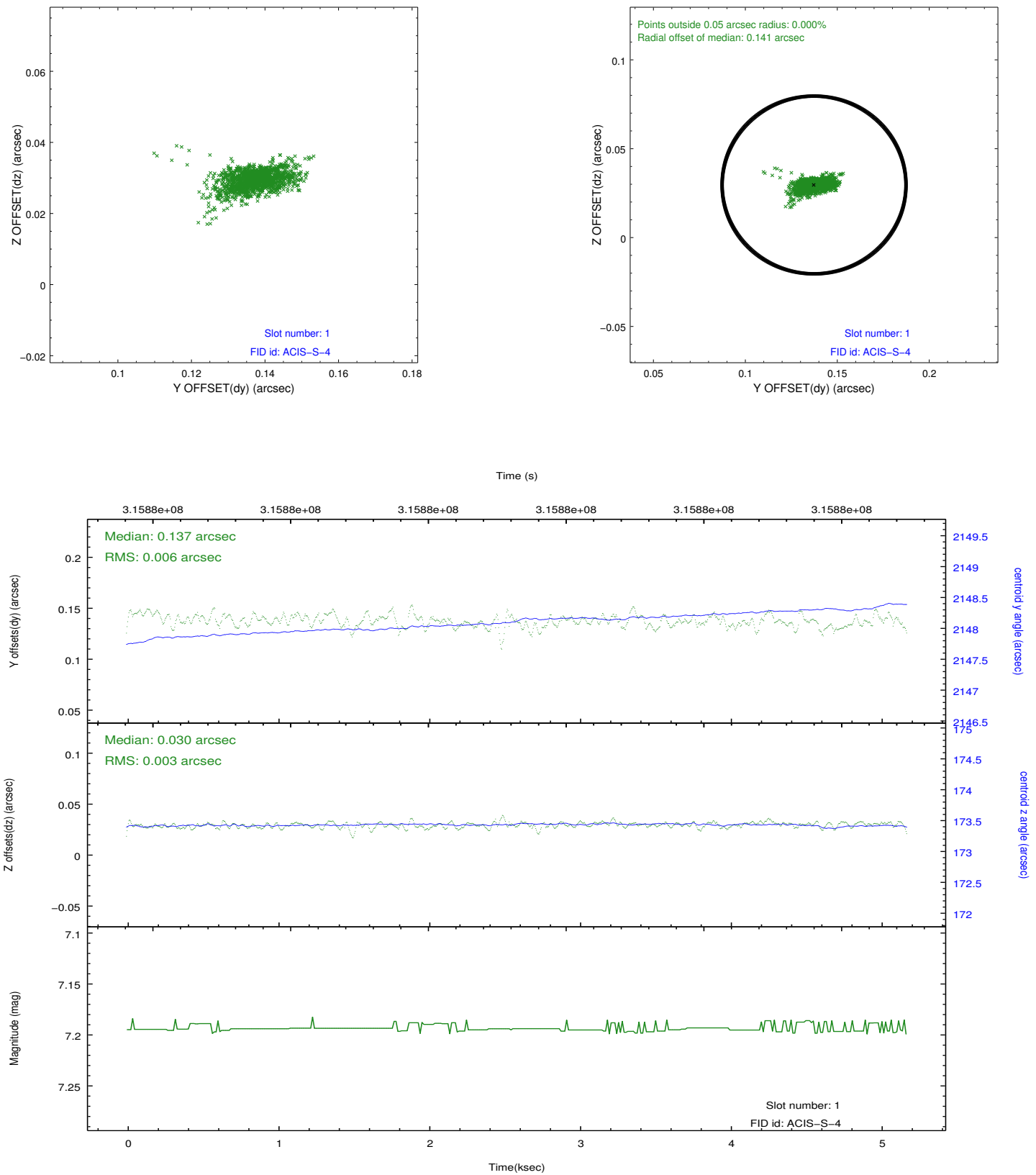


2.5 FID Slots

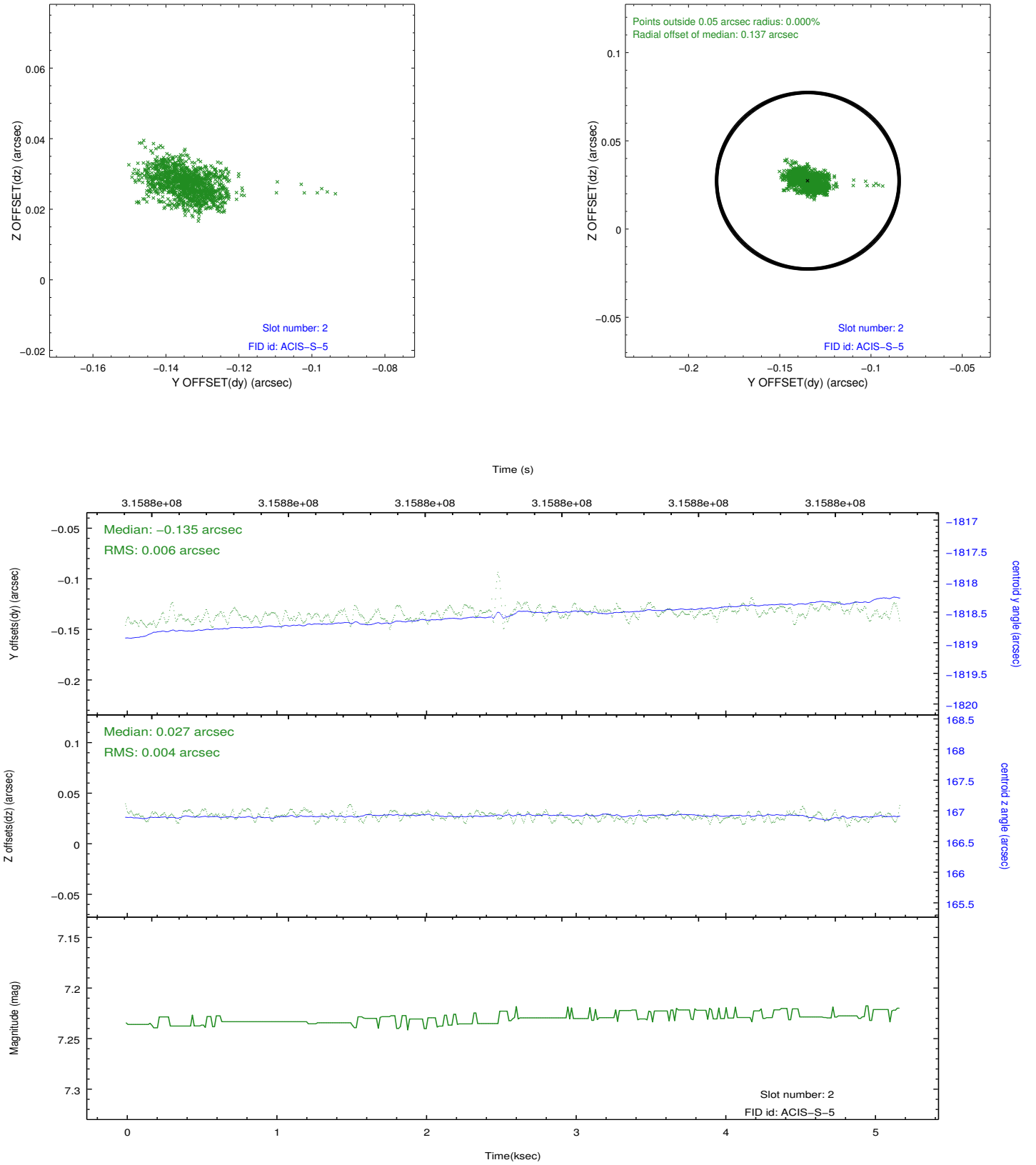
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.17319969

A.2 Comments

Joint proposal: CX0-HST Monitor constraint met, follows obs8575 by 40 days.